

1   **WHAT IS CLAIMED IS:**

2           1.A puncturing type cable coupling apparatus for connection with a  
3   cable comprising a base member and a shell member, wherein  
4           the base member has a front panel located on a front end of the base  
5   member; two terminal bridges positioned to join with the cable, where each  
6   terminal bridge is formed by a claw and an extension hook; and a holding bracket  
7   installed on a back side of the front panel and having two compartments within  
8   boundaries of the bracket walls; wherein the two terminal bridges are  
9   respectively received in the two compartments, and the front panel has two pin  
10   slots extending to the compartments; and

11          the shell member has a sunken portion in which two parallel backing  
12   blocks are formed, and two wire slots formed on the bottom surface of the shell  
13   member extended to the sunken portion for receiving the cable; wherein each  
14   backing block is inserted through a lower part of the holding bracket of the base  
15   member into the compartment when the shell member and the base member are  
16   fitted together.

17          2. The puncturing type cable coupling apparatus as claimed in claim 1,  
18   wherein the base member has two open side pockets respectively defined in two  
19   sides of the holding bracket; two conductive pins latched onto the terminal  
20   bridge through an anchoring means in the middle section of each conductive pin;  
21   and two pin slots defined in a back end of the shell member for receiving the two  
22   conductive pins to be inserted through the sunken portion to an exterior of the  
23   cable coupling apparatus.

24          3. The puncturing type cable coupling apparatus as claimed in claim 2,

1 wherein the base member has two fuse elements respectively placed in the two  
2 compartments, wherein the two ends of each fuse element are respectively  
3 connected to the terminal bridge and the conductive pin.

4 4. The puncturing type cable coupling apparatus as claimed in claim 2,  
5 wherein the shell member has a pair of sliding guides on an upper part of the  
6 sunken portion, extending in the transverse direction and parallel to the backing  
7 blocks, for receiving a slide cover to be installed between the two sliding guides,  
8 and an opening defined in the top surface extended to the sunken portion.

9 5. The puncturing type cable coupling apparatus as claimed in claim 2,  
10 the base member has two arresters at a bottom of the holding bracket and  
11 respectively on two sides of the holding bracket, whereby the two conductive  
12 pins are secured.

13 6. The puncturing type cable coupling apparatus as claimed in claim 1,  
14 the base member has two notches defined in a rim of the front panel, one of the  
15 notches defined at a top of the front panel and the other notch defined at a bottom  
16 of the front panel and corresponding to locations of the two lugs on the shell  
17 member, whereby the notches and the lugs are interlocked against each other  
18 when the base member and the shell member are fitted together.

19 7. The puncturing type cable coupling apparatus as claimed in claim 1,  
20 wherein each claw on the terminal bridge is formed by a U shaped metal plate.

21 8. The puncturing type cable coupling apparatus as claimed in claim 1,  
22 wherein each claw on the terminal bridge is formed by two U shaped metal plates,  
23 which are arranged one over the other in parallel and both U shaped metal plates  
24 are joined on their back side.

1           9. The puncturing type cable coupling apparatus as claimed in claim 1,  
2 wherein a back end of the lower part of the holding bracket has two open areas  
3 allowing the two backing blocks of the shell member to pass through the open  
4 areas to enter the respective compartment when the two members are fitted  
5 together.